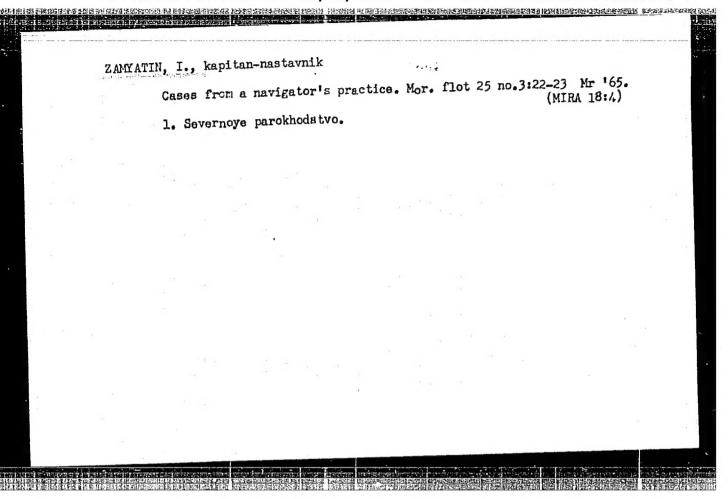
ZANYATIN, G.S.; BALAKIN, V.M., red.; LEVINA, L.G., tekhn. red.

[Efficient use of feeds] Ratsional'noe ispol'zovanie kormov.

Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1961. 73 p.

(Feeds)

(Feeds)



ENT(m)/ENP(w)/ENA(d)/T/ENP(t)/ENP(2)/ENP(b) MJW/JD ACCESSION NR: AP5020158 UR/0135/65/000/003/0012/0013 66.046:621.791.053:669.15-194 AUTHORS: Zamyatin. I. 1. (Engineer); Samoylov, M. I. (Engineer) Thermal treatment of welded 25KhSNVFA steel connections with high frequency TITLE: currents SOURCE: Svarochnoye proizvodstvo, no. 8, 1965, 12-13 TOPIC TAGS: butt weld, welded joint, steel sheet welding, weld heat treatment, high frequency induction heating/ 25KhSNVFA steel, VGO 109 2 generator ABSTRACT: Tempering and normalization of 25KhSNVFA steel sheet butt welds in a furnace and by high frequency induction heating (HFIH) were compared. Steel plates (200 x 100 x 3 mm, $\delta = 70-80 \text{ kg/mm}^2$) were argon-arc welded with a tungsten electrode using 1.6 mm diameter 18KhMA steel welding wire (three passes--only the second performed with welding wire). After 30 minutes the welds were subjected to high temperature tempering, normalization or normalization with subsequent tempering in normal heat treating furnaces or by HFIH using generator VGO-100-27 (tempering: 720-740C maximum temperature, 13-15 Kw generator, 60-65 mm/min, 100 emp generator ourrent, 230 V; normalization: 930-950C, 25, 25-30, 100, and 260 V respectively). Hardness and microstructure profiles were taken and tensile properties of the welds Card 1/2

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were tested. eliminated the difference be conventional be used if the state characters.	AP5020158 It was found that neither furnace weld brittleness (HRC63-54 even tween the two methods was so small tempering (at 7200). When normalic etemperature is increased from 90 that normalization at 9500 with su Orig. Ert. has: 5 figures. Permskiy politekhnicheskiy institution of the surface of the s	zation has to be performed, OC to 930-950C. Pressure versions with HFI chasquent tempering with HFI	H Gave
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SAMOYLOV, M.I., inzh.; ZAHYATIN, I.P., inzh.

Device for the spot welding of boxlike structures. Svar. pro'zv.
no.6:38-39 Jo '62.

(Electric welding-Equipment and supplies)

(Electric welding-Equipment and supplies)

38267 s/135/62/000/006/014/014 A006/A106

12300

Samoylov, M. I., Zamyatin, J. P., Engineers AUTHORS:

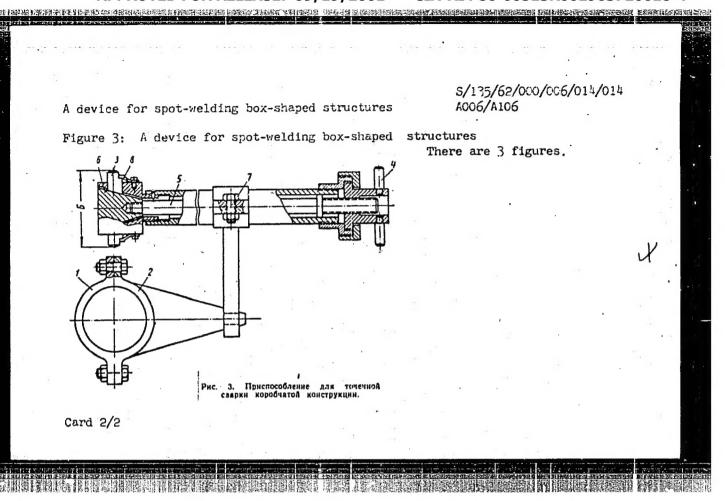
TITLE:

A device for spot-welding box-shaped structures

PERIODICAL: Svarochnoye proizvodstvo. no. 6, 1962, 38 - 39

The authors developed and brought into use a special device for welding box-shaped structures, at two spots simultaneously (Fig. 3). The device is mounted with the aid of collar 1 and lever 2 onto the lower fixed cantilever of a spot welding machine. The electrodes 3 of the device are coaxial with the machine electrodes. When handle 4 is rotated, rod 5 pulls or pushes wedge 6; as a result the distance B increases or decreases. By loosening bolts 7, the device can be turned or displaced so that the access through the operating holes the box is possible. Industrial tests of the device showed its advantage over mandrels. Box-shaped structures of a wide range of dimensions can be welded with the aid of this instrument. The use of mandrels is eliminated. labor efficiency is raised and stable welding conditions are ensured. The quality of the weld joint is satisfactory.

Card 1/2



ZANYATIN, I.P., inzh.; SANOYLOV, M.I., inzh.

Heat treatzent by high-frequency currents of welded joints rade
in 25KhSNVFA steel. Svar. proizv. no.8:12-13 Ag '65. (MIRA 18:8)

1. Permskiy politekhnicheskiy institut.

TISHCHENKO, N.A., ingh.; ZAMYATIN, I.S., ingh.

Mining with high-speed coal plows. Ugol' Ukr. 3 no.9:16-19
S '59.
(Mining engineering) (Coal mining machinery)

LUKIN, V. (Moskva); POLOZOV I., elektromekhanik (Gomel'skaya oblast')

ZAMYATIN, K. (3verdlovsk); NEYMAN, V. (Leningrad); GORBATYUK, S.
(Grodno); BYKOV, L. (Moskva); SMIRNOV, B. (Gori); FEL'TSMAN I.
(Leningrad)

Advices from experienced people. Za rul. 19 no. 2:14-15 F '61.

(Motor vehicles—Equipment and supplies)

BERNSHTEYN, M.Kh.; YABKO, Ya.M.; ZAYCNCHKOVSKIY, A.D.; KRZHIZHANOVSKIY, K.C.;
ZMYATIN, K.K.; BERNSHTEYN, Ye.S.; BARKOVA, L.V.; PROKURAT, R.E.;
VTOROV, G.N.

Artificial leather with a nonwoven base. Kozh.-obuv.prom. 5 no.4:
(MIRA 16:5)

18-21 Ap '63.

(Leather, Artificial)

事。 17.15年 11.15年 11.15

kov, N. A.; Rotenberg Bunina, Ye. D.; Zemy	atin, K. K.	
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	ennyye obraztsy, tovari chloride coating, pore e has been issued desc vinylchloride paste co former ChKhZ21 to a cl	

MINTENEO, V.F., inzh.; ZAMYATIW, K.M., tekhnik.

Using a heterodyne wavemeter as an exciter. Vest.sviazi 17 no.8:

(MIRA 10:10)

32-33 Ag *57.

1. Yakutskiy radiotsentr (Yor Lyutenko).

(Radio--Transmitters and transmission)

ZHMYHTIN, II.I)

TREASURE ISLAND BIBLIOGRAPHICAL REPORT PHASE I

AID 347 - I

TN672.V8 Call No.:

BOOK

Author: ZAMYATIN, M. M. and GOLOVIN, G. F.

Full Title: SIGNIFICANCE OF THERMAL FACTORS IN STUDY OF TRANSFOR-

MATIONS IN STEELS

Transliterated Title: Rol' teplovykh faktorov v izuchenii

prevrashcheniy v stali

Publishing Data

Originating Agency: All-Union Scientific Engineering and Technical

Society of Machine Building. Urals Branch

State Scientific and Technical Publishing House Publishing House:

of Machine Building Literature ("Mashgiz")

Date: 1950

No. pp.: 11

No. of copies: 3,000

Text Data

This is an article from the book: VSESOYUZNOYE NAUCHNOYE INZHENERNO-TEKHNICHESKOYE OBSHCHESTVO MASHINOSTROITELEY. URAL'SKOYE OTDELENIYE, THERMAL TREATMENT OF NETALS - Symposium of Conference (Termicheskaya obrabotka metallov, materialy konferentsii) (p.155-165), see AID 223-II

The significance of the velocity of transformation at heating and cooling in the development of the theory of heat treatment is discussed. In review of the Soviet and other literature related to the experimental results, the authors

1/2

Rol! teplovykh faktorov v izuchenii prevrashcheniy v stali

AID 347 - I

specially note that the conditions for heat transmission have not been considered. The authors apply computation for heat generation and absorbtion during the process of transformation and present his analysis with 6 charts. Experimental results indicate the important significance of the factors of heat transmission on the duration of transformation by heating. The similar problem in the transformation by cooling is under investigation.

在18世界,我们也15-18年间的情况。 第18年间,我们也15-18年间的技术的主持性的情况的特殊的影响的现在分词,他们是一种的一种,他们就是一种的一种,他们就是一种的一种的一种的一种的一种的一种的一种

The comparison of calculated results and experimental data lead to the conclusion that the velocity of transformation measured during heating or cooling in the liquid bath is not the actual velocity. The correct result can be obtained only in cases when the duration of the inert period and transformation period is considerably longer than that of the heating and cooling periods.

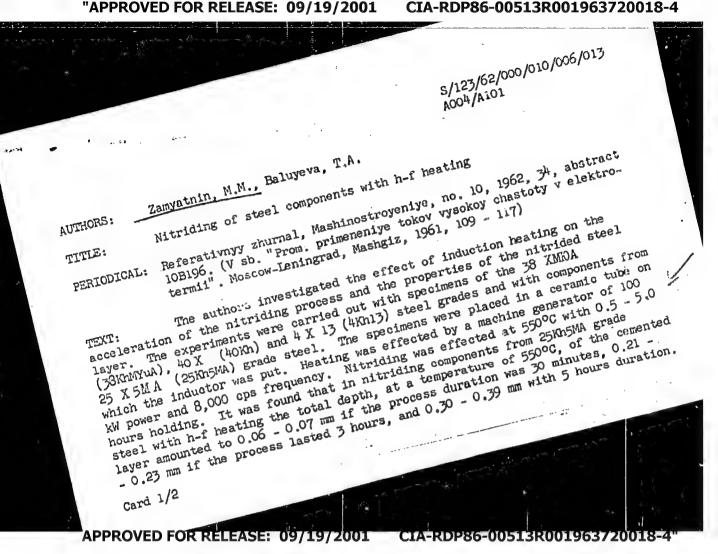
Purpose: For scientific workers

Facilities: None

No. of Russian and Slavic References: 9 (1926-1950)

Available: Library of Congress.

5/5



Nitriding of steel

S/123/62/000/010/006/013 A004/A101

The total depth of layer of the 38KnMYuA and 40Kh steel grades practically did not differ from the figures obtained with the 25Kh5MA grade steel if the nitriding process duration amounted to 3 hours. The depth of the high-hardness layer is the same or somewhat higher with the 38KhMYuA steel than with the 25Kh5MA steel, while it is somewhat lower with the 40Kh grade steel. The depth of the saturated layer of the 4Kh13 grade steel is considerably lower than that of the other grades and amounts to 0.06 - 0.09 mm only. These data agree with the results obtained in ordinary nitriding. In the nitriding with h-f heating of 0.2 - 0.25 mm deep in the course of 3 - 4 hours at a temperature of 550°C. Moreover, the depth of layer with a hardness exceeding HV 820 is 0.08 - 0.12 mm. It pointed out that nitriding with h-f heating in a saturated ammonia solution did not yield encouraging results. There are 9 figures and 4 references.

E. Spivak

[Abstracter's note: Complete translation]

Card 2/2

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ZAMYATIN, M. M.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 347 - I

BOOK

Call No.:

Author: ZAMYATIN, M. M. and GOLOVIN. G. F.

Pull Title: STONIFICANCE OF THERMAL FACTORS IN STUDY OF TRANSFOR-

MATIONS IN STEELS

Transliterated Title: Rol' teplovykh faktorov v izuchenii

prevrashcheniy v stali

Publishing Data

Originating Agency: All-Union Scientific Engineering and Technical

Society of Machine Building. Urals Branch

Publishing House: State Scientific and Technical Publishing House

of Machine Building Literature ("Mashgiz")

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Date: 1950 No. pp.: 11

No. of copies: 3,000

TN672.V8

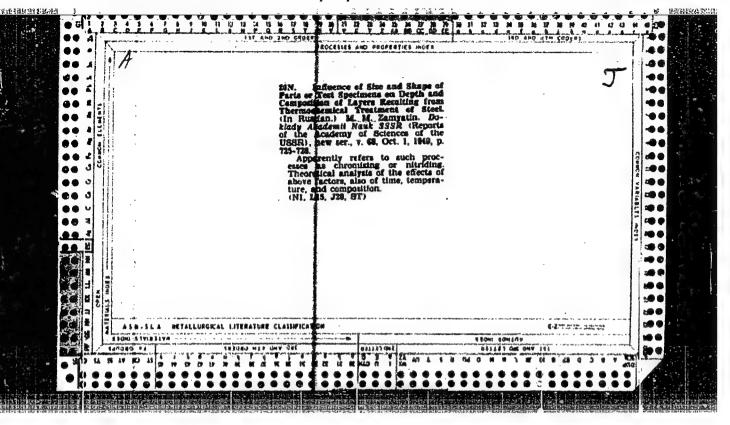
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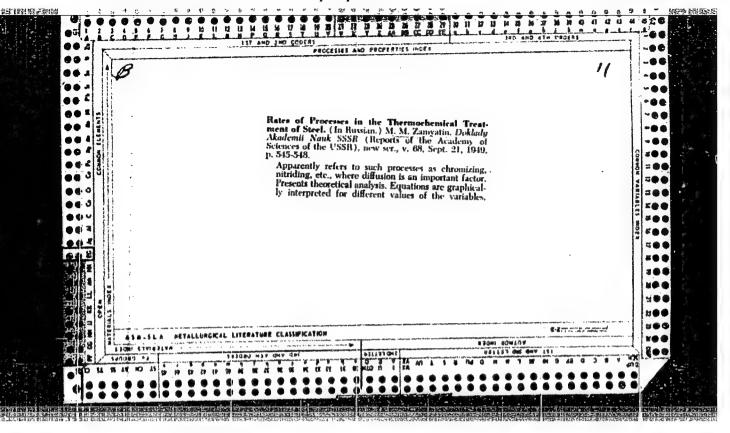
This is an article from the book: VSESOYUZNOYE NAUCHNOYE INZHENERNO-TEKHNICHESKOYE OBSHCHESTVO MASHINOSTROITELEY. URAL'SKOYE OTDELENIYE, THERMAL TREATMENT OF METALS - Symposium of Conference (Termicheskaya obrabotka metallov, materialy konferentsii) (p.155-165), see AID 223-II

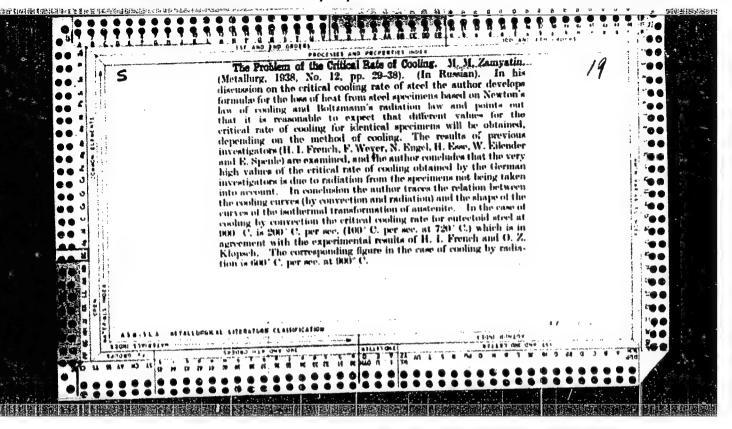
Coverage: The significance of the velocity of transformation at heating and cooling in the development of the theory of heat

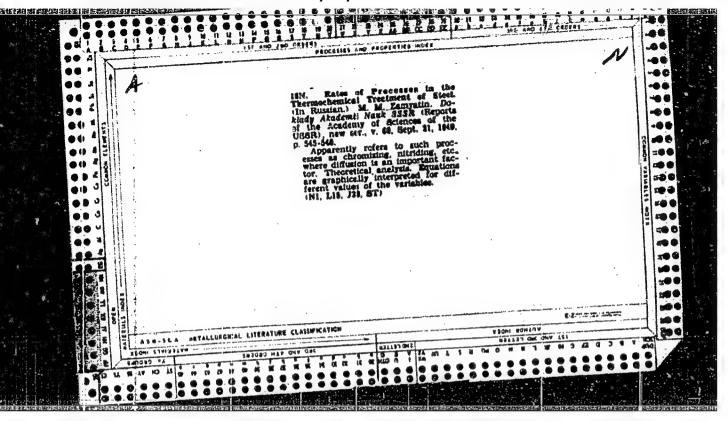
treatment is discussed. In review of the Soviet and other literature related to the experimental results, the authors

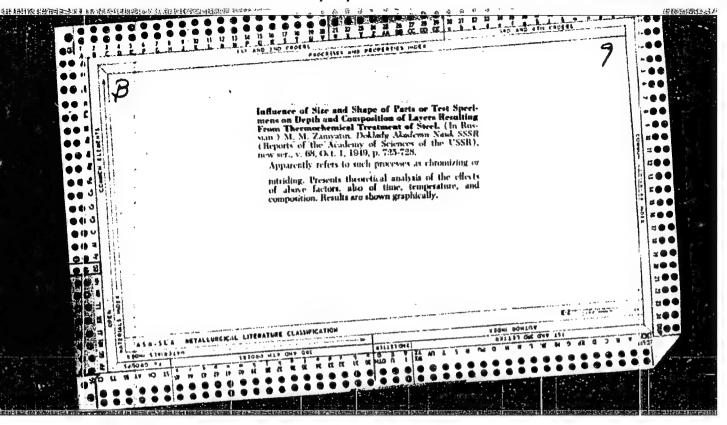
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AVERCHENKO, B.; ZAMYATIN, M.; NOVIKOVA, L., tekhn. red.

[Value the honor of the Soviet toiler]Dorozhit' chent'iu sovetskogo truzhenika; sbornik statei. Moskva, Izd-vo "Pravda," (MIRA 15:12)

1962. 277 p. (Agricultural workers)

ALEKSETEV, Petr Fedorovich; ZAMYATIN, Mikhail Mikhaylovich

[Groat changes. The "Put' Il'ichs" Collective Farm goes
from the ranks of the laggerds to the leaders Bol'shie
from the ranks of "Put' Il'ichs" is otstaiushchikh yykhodit
peremany. Kolkhoz "Put' Il'ichs" is otstaiushchikh yykhodit
v peredovye. Moskva, Pravda, 1955. 81 p. (MIRA 13:1)

(Collective farms)

ZAMYATIN, N.

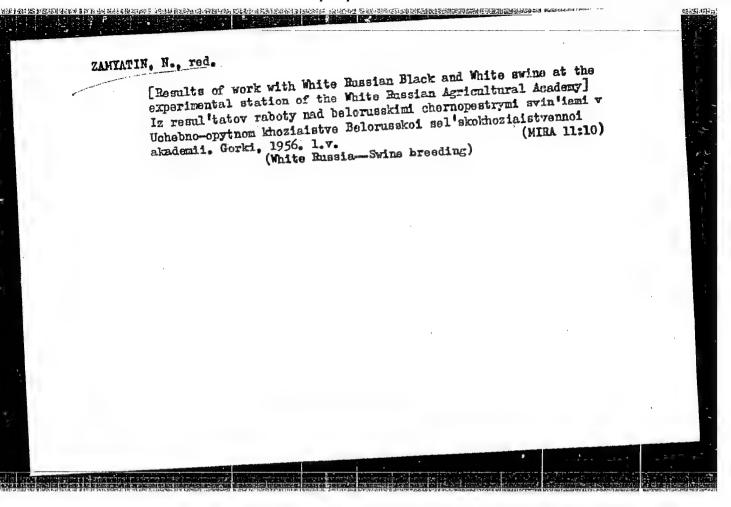
Zanyatin, N., Malibotskiy, S., and Cherches, F. "The selection of hens on the principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny", Izvestiya Akad. rauk principle of stimulating the development of the progeny of the stimulating the development of the stimulating the development of the stimulating the stimulating the development of the stimulating the stimulating the development of the stimulating t

ZAMYATIN, N.

29169 ZAMYATIN, N. I ZUBKOVA, D.

K voprosu mezhporodnogo skreshchivaniya sviney v Beloruszii. Izvestiya Akad-nauk BSS 1, 1949, No. 4, s. 139-44

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, 1949



IVANOV, A.I.; MONICH, V.K.; ZANYATIN, N.I.

Absolute age of the granitoid intrusions in the southern part of central Kazakhatan. Biul.kom.po opr.abs.vozr.geol.form.

(MIRA 15:1)

(Kazakhatan—Rocks, Igneous)

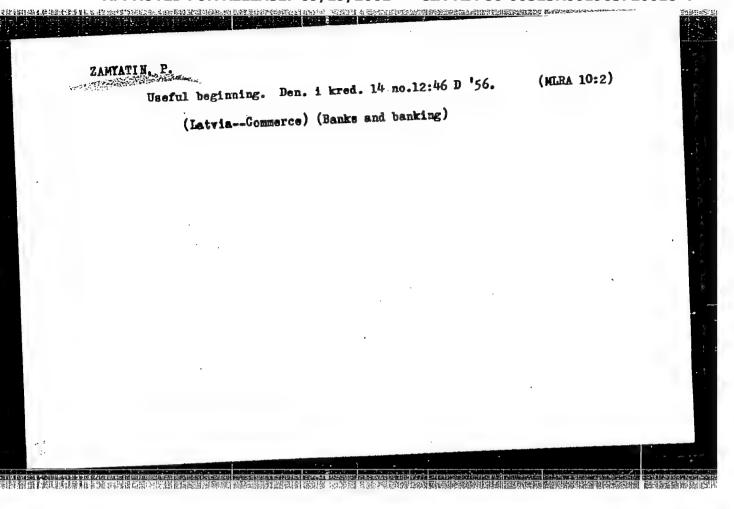
(Geological time)

GILENKO, R.K., tekhnik; ZAMYATIN, N.N., tekhnik

From practices of using thermit welding for wire splicing. Exergetik 10 no.7:18-39 J1 462. (MIRI 15:7) (Wire-welding)

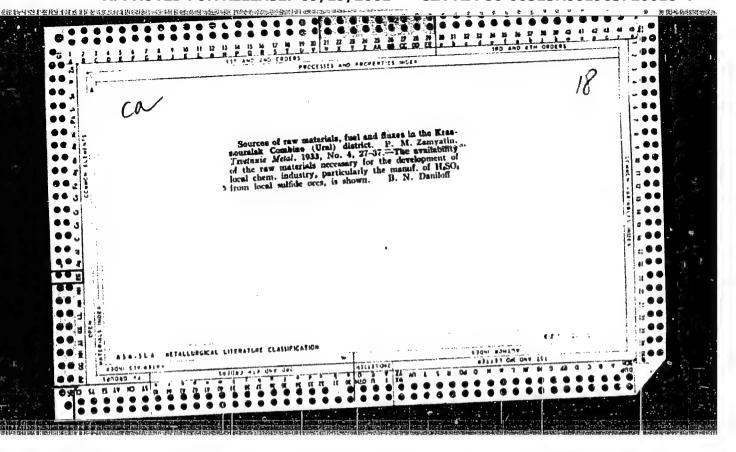
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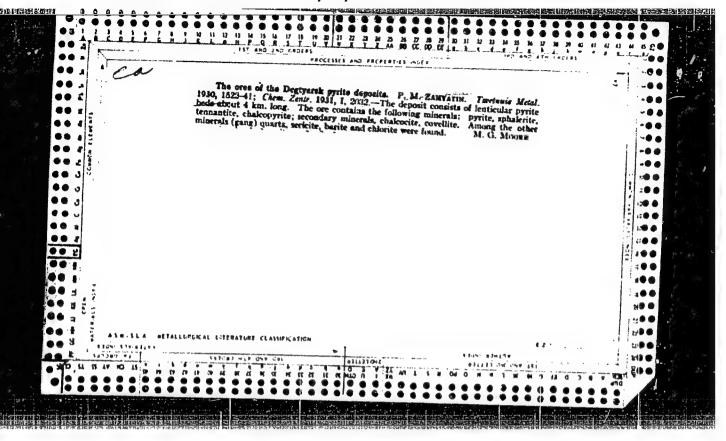
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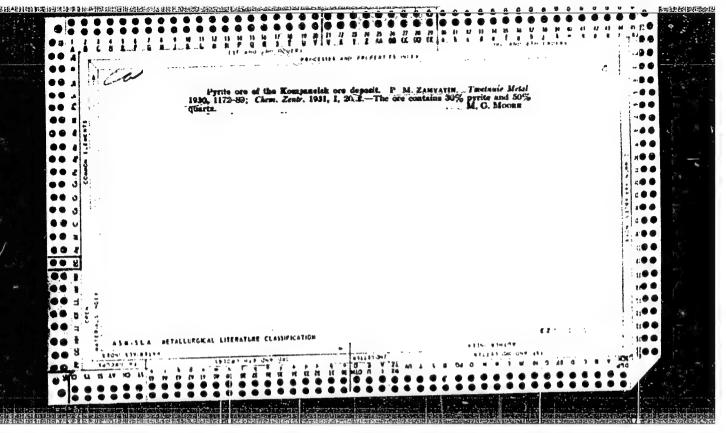


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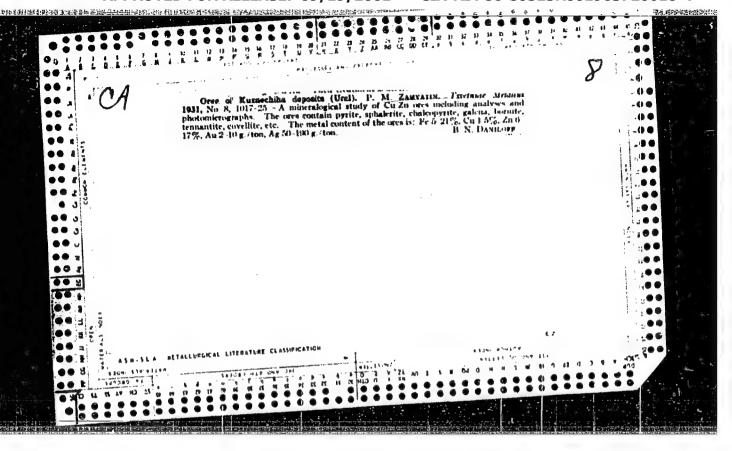


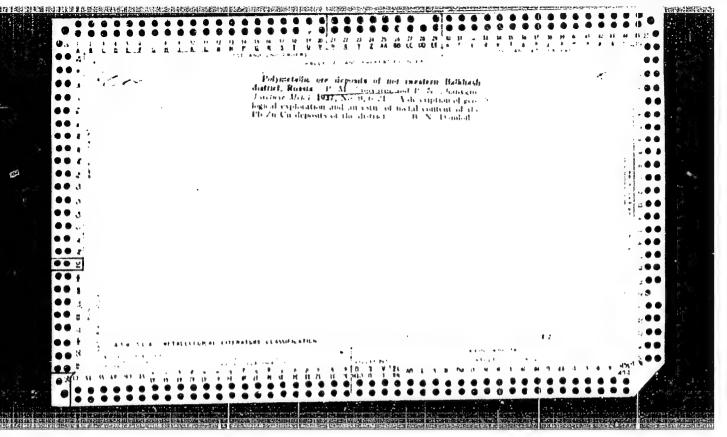


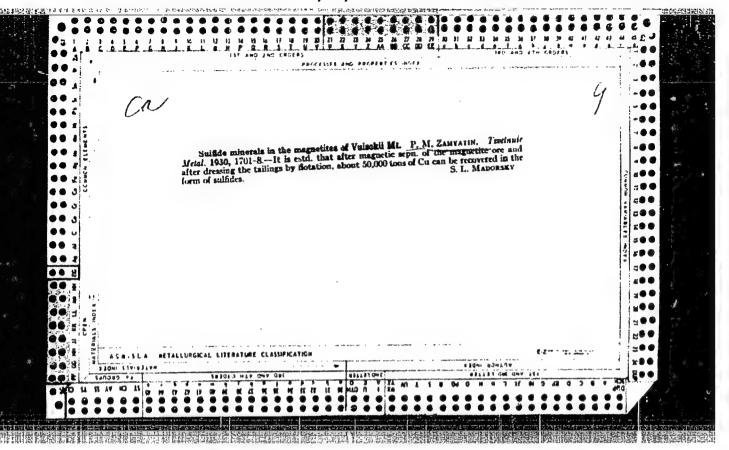


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130-9-1/21

AUTHORS: Inozemtsev, N.P., Sokol, Ya.I., Rysev, I.F., Tarasenkov, D.A., and Zamyatin, S.I.

TITLE: Organisation of Production Quality Centrol (Ob organizatsii kontrol kachestva produktsii)

PERIODICAL: Metallurg, 1957, Nr 9, pp.1-2 (USSR)

ABSTRACT: This is a contribution to discussions on the present shortcomings and desirable changes in quality control organisation
in the Soviet iron and steel industry. The present organisation according to which a special department is responsible for
seeing that instructions have been correctly carried out at
each stage of the production process is considered harmful
since it encourages an irresponsible attitude on the part of
the operators and requires a very large control organisation.
As an example the number of reports of various types of incorrect procedure at the "Serp i Molot" works are given. A
further criticism is that the present organisation is on a
shop basis, thus sometimes operating contrary to the interests
of the enterprise as a whole. A two-stage reorganisation is
recommended: review of the activity of each control worker
and preparation for his work to be undertaken by a production

Card 1/2 worker, the few remaining control workers to be assembled

130-9-1/21

Organisation of Production Quality Control.

into a group for inspection of the quality of the final product; this group to be removed from the control of the director of the enterprise. Pay-system revision to encourage better quality is also recommended. Some measures to improve quality-control work at the "Serp i Molot" works are enumerated.

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ASSOCIATION: "Serp i Molot" Works. (Zavod "Serp i Molot")
AVAILABLE: Library of Congress.

Card ?/2

ZAMMATIN, S.R., inch.

Romoval of slag in the liquid state from socking pits of blooming mills. Stal' 25 no.2:179-181 F '65. (MIRA 18:3)

1. Kuznetskiy metallurgicheskiy kombinet.

PILIPENKO, M.S.; ZAMYATIN, S.R.; UZBERG, V.P.; MOROKOV, P.K.; SUKHANOVA, Z.V.; DEMENEVA, A.P.

Production and use of ladle brick. Ogneupory 29 no.12:529-534 '64. (MIRA 18:1)

1. Kuznetskiy metallurgicheskiy kombinat.

POMORTSEVA, Ye.N.; MEDVEDEV, V.A.; ZAMYATIN, S.R.

Experiments in the industrial use of refractory concrete. Ogneupory 29 no.7:308-313 '64. (MIRA 18:1)

1. Kuznetskiy metallurgicheskiy kombinat.

BENEDIKTOVA, N.B.; ZAMYATIN, S.R.; MEMNONOVA, T.V.; SOLOMONOV, Ye.F.

Manufacture of resin and dolomite firebrick and its testing in service. Ogneupory 27 nc.4:151-155 '62. (MIRA 15:4)

1. Kuznetskiy metallurgicheskiy kombinat. (Firebrick)

KIRSANOV, V., letchik-ispytatel'; ZAMYATIN, V., vedushchiy inzh.

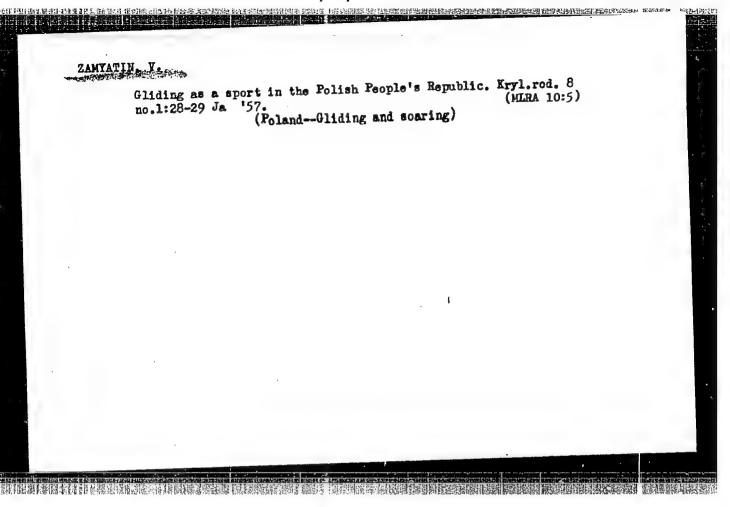
KAI-14 is in the sky. Kryl.rod. 14 no.6:14 Je '63. (MIRA 16:7)

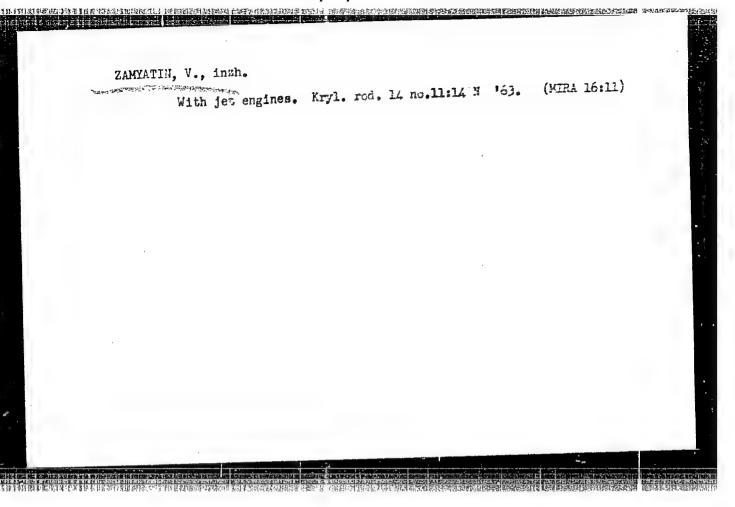
(Gliders (Aeronautics))

Becord 8	er. Kryl.rod.	11 no.10:14-3	(MIRA 13	:11)	
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ZAMYATIN, V.; SPIVAK, V.

The "Amur" glider. Kryl. rod. 13 no.9:17-19 S '62.

(Gliders(Aeronautics))

(Gliders(Aeronautics))

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AID P - 5558

Subject

: USSR/Aeronautics - Gliding

Card 1/1

Pub. 58 - 17/20

Author

: Zamyatin, V.

Title

: Gliding sports in the Polish People's Republic

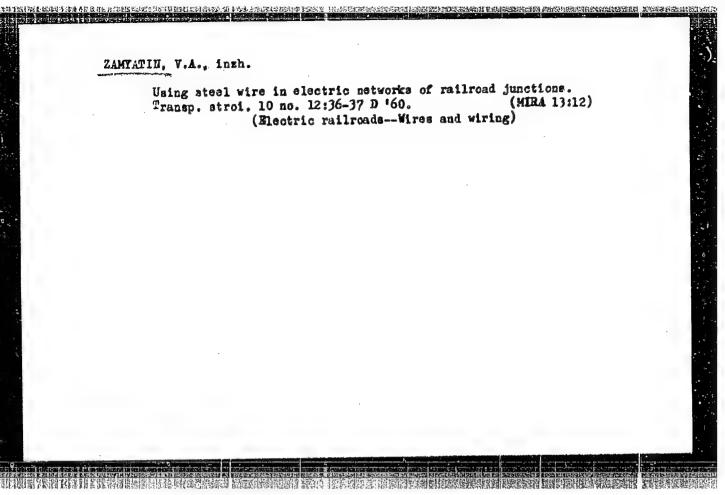
Periodical : Kryl. rod., 1, 28-29, Ja 1957

Abstract

: The setup of the training in gliding sports in Poland is outlined, as far as the system of training centers is concerned. The organization of the mass production of the gliders is dealt with in some detail, and the basic types of gliders used in Poland are listed.
Some of these types and one unnamed training station are sketchilly described. 4 drawings.

Institution: None

Submitted : No date



ZAMTATIN, V.A., ingh.; PANFIL, L.S., ingh.

Efficient scheme for feeding electric power to nontraction consumers. Elek.i tepl.ttaga 3 no.12:20-23 D '59.

(Electric power distribution)

(Electric railroads)

ZAMTATIN, V.A., inzh.

Two-wire feed lines supplying automatic block system lines.
Avtom., telem. 1 swiar' 4 no.1:4-7 Ja '60.

(MERA 13:4)

(Railroads—Blectrification)

(Railroads—Blectrification)

Determination of the maximum length of the trackside electric power supply line. Trudy MIIT 114:145-149 159. (MIRA 13:4)

(Railroads -- Blectric equipment)

ZAMTATIN, V.; SHEREMETEV, B.

Motor gliders. Kryl. rod. 15 no.10:26-27 0 '64.

(MIRA 18:1)

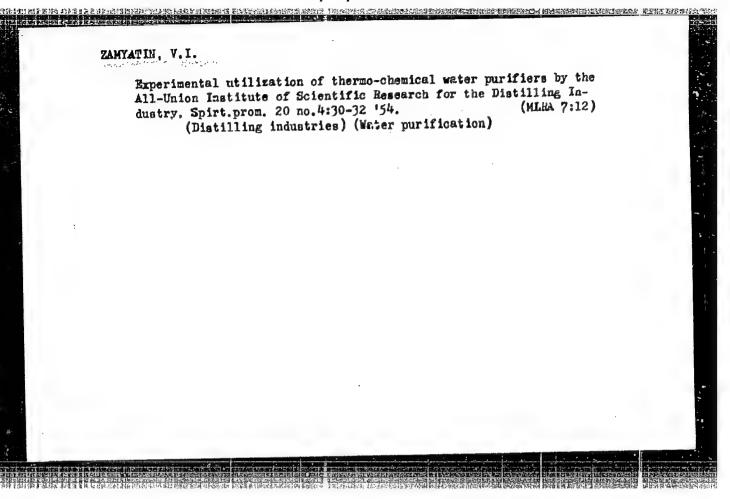
ZAMYATIN, V.A., inzh.

Profer supply to nontraction consumers on electrified railroads.

Trudy MIIT no.104:229-239 159.

(Blectric railroads—Wires and wiring)

(Blectric railroads—Wires and wiring)



DVOYENOSOV, Dzhon Vladimirovich; ZAMYATIN, Valeriy Mikhaylovich; SNESIKO, Yuriy Ivanovich; FADETEVA, N.N., kand. tekhn. nauk, red.; GODINER, F.Ye., red.; SOEKIN, M.Z., tekhn. red.

[Loads acting on a glider in flight] Nagruzki, deistvuiushchie na planer v polete. Moskva, Izd-vo DOSAAF, 1963. 138 p. (MIRA 16:8)

(Gliders (Aeronautics))

VEL'GUS, S.[Velgus, S.], planerist; MAKULYA, E.[Makula, E.], planerist; SKSHIDLEVSKIY, S.[Skrzydlewski, S.], planerist; SNESHKO, Yu.[translator]; VASIL'YEV, A.A., red.; DVOYENOSOV, D.V., red.; ZAMYATIN, V.M., red.; SOROKIN, M.Z., tekhn. red.

[Flights in a glider] Perelety na planere. Moskva, DOSAAR, 1963. 145 p. Translated from the Polish. (MIRA 16:10) (Gliding and soaring)

USPENSKIY, Anatoliy Anatol'yevich, kand. ekonom. nauk, dots.;

ZAMYATIN, V.N., dots. kand. ekonom. nauk, otv. red.;

GAVRILOV, G.V., red.

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[Economic development of the Korean People's Democratic Republic] Ekonomicheskoe razvitie Koreiskoi Narodno-Demokraticheskoi Respubliki. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 19 p. (MIRA 15:2) (Korea, North-Economic conditions)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963720018-4"

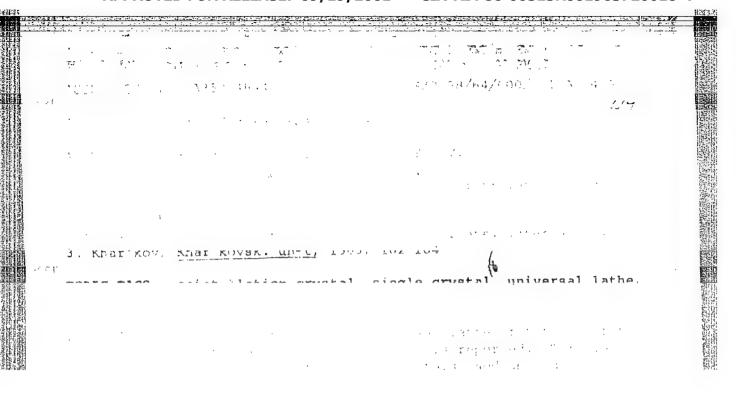
KAL'HITSKIY, Ya.B., kand.tekhn.nauk; ZANYATIN, Ye.B., kand.tekhn.nauk

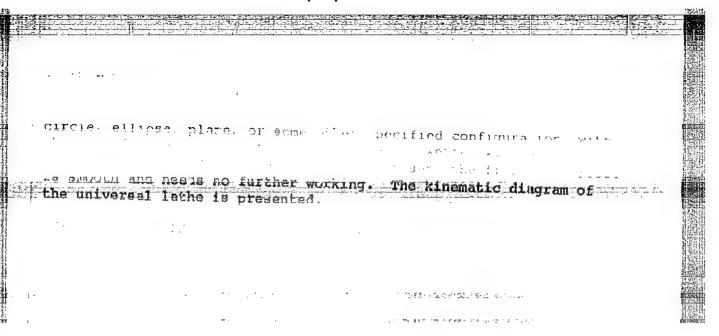
Car change in drift wining. Shakht. stroi. no.8:28-31 Ag '60.

(Mine railroads--Cars)

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ZELIGMAN, L.N. [Zelihman, L.N.]; ZAMYATIN, Yu.V. [Zam'iatin, IU.V.]

Ampoules for repeated use in the manufacture of plastic scintillators. Khim. prom. no.4:75-76 O-D '64. (MIRA 18:3)

ZAMYATIN, Yu.V. [Zam'intin, IU.V.]; ZAKHARIN, Ya.A.; KUTSYKOVICH, M.B. [Kutsykovych, M.B.]; CHEREDNICHENKO, K.P.

Experimental industrial unit for growing large singlecrystals for scintillation counters. Khim. prom.[Ukr.] no.1:43-44 Ja-Mr '65. (MIRA 18:4)

VINOGRADOV, V.M.; RAZUMOVSKIY, V.V.; SEROVA, L.V.; TARZIMANOV, P.F.;

KOZHEVNIKOV, O.V.; PICHUGIN, B.M.; PROKOPIEV, I.V.; PEDOROV, B.A.;

KOSHEMAŽEVSKIY, V.S.; IVANOVA, A.S.; SHIGIHEV, V.G., YASHCHEMED,

G.I.; VCRONKOVA, Y.A.; ZAMYATINA, A.A.; SERGETEV, N.A.; KUREPOV,

A.I.; POPOV, B.L.; FINOGENOV, V.P., NABOROV, V.B.; CHENCHIKOVSKIY,

S.F.; IVANOV, Y.A.; AIKHIMOV, V.S., red.; VINOGRADOV, V.M., red.;

SMIRNOV, A.M., red.; KAKHOVSKAYA, O.G., red. 1zd-va; RUDCHENEO,

A.M., red. 1zd-va; LEKANOVA, I.S., tekhn. red.

[Foreign commerce of the U.S.S.R. with capitalist countries] Vneshniaia torgovlia SSSR s kapitalisticheskimi stranami. Moskva, Vneshtorgizdat, 1957. 232 p. (MIRA 1117)

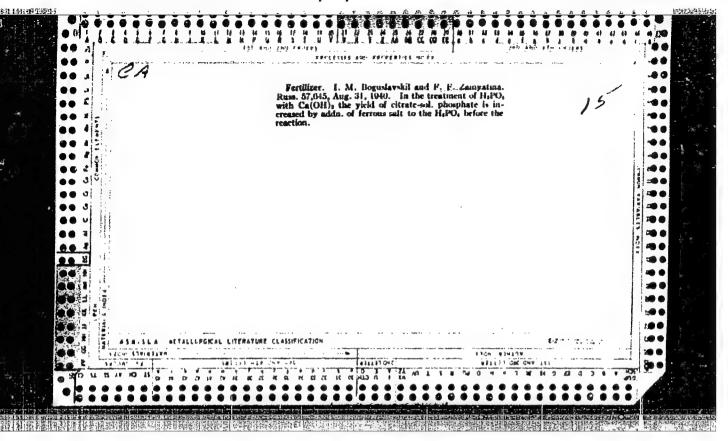
1. Moscow. Nausima-issledovatel skiy kon yankturayy institut.
(Rassia---Gommerce)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963720018-4"

KUVYKIN, S.I.; ZAMYATINA, A.F.; LEDOVSKIY, V.Ya.; BARANNIKOV, E.I.

Deep drilling of slim wells in Bashkiria. Neft. khoz. 40
no.4:12-16 Ap '62. (MIRA 15:5)

(Bashkiria--Oil well drilling)



ZANYATINA, F. F.

(See Belopol'skiy, A. P.)

"Fertilizer," Im. M. Boguslavskiy, and F. F. Zamyatina, Russ Pat 57,645, Aug 31, 1940
(SEE: Inst. Insect/Fung. in Ya. V. Samoylov)

S0; U-237/49, 8 April 1949

ZAHYATINA, F.F.

Review of the book "Methods for analyzing and controlling the production of sulfuric acid and superphosphate." Zav. lab. 22 no.9: 1136-1137 '56. (MLRA 9:12)

 Voskresenskiy khimicheskiy kombinat. (Sulfuric acid) (Phosphates)

ZARYATINA, F. F.—"Investigation of the Chemistry of the Reaction Giving Rise to the Citrate-Soluble Form of P205 from Apatite Concentrate by Singering with the Sulfites of Sodium and Magnesium." Min Higher Education USSR. Moscow Chemicotechnological Inst imeni Mendeleyev. Hoscow 1955.

(Dissertation for the Degree of Candidate in Technical Science).

Knizhanay letopis'
No 2, 1956

SO

24(7)

SOV/48-23-9-4/57

AUTHORS: Kalinin, S. K., Marzuvanov, V. L., Payn, E. Ye.,

Zamyatina.

G. M., Perevertun, V. N., Terekhovich, S. L.

Berg strong to the best will

TITLE:

Atlas of Spectral Lines for a Spectrograph With Diffraction

Grating

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,

Vol 23, Nr 9, pp 1061-1063 (USSR)

ABSTRACT:

In connection with the series production of diffraction grating spectrographs, the necessity of methodical directives and of atlases is pointed out. At present, the authors are preparing an atlas of spectral lines for grating spectrographs. The atlas consists of plane tables (planshet) and of their descriptions. In figure 1, for example, the iron spectrum in a range extending over 66 Å is shown. This spectrum was recorded by means of the DFS-3 spectrograph, the grating of which has 300 grating lines per mm. The spectra recorded were enlarged 20 times and the lengths of the plane tables amount to 370 mm, so that, for example, the entire iron spectrum has a total length of 25 m. Owing to the high dispersion of the instrument about 7000 lines of 85 elements are recorded, and the intensity of the lines is estimated according to a 12-degree

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963720018-4"

SOV/48-23-9-4/57 Atlas of Spectral Lines for a Spectrograph With Diffraction Grating

scale; if the sample contains more than 10% of the element, the lines are marked by the figure 1, and if it contains less than 0.0001%, by the figure 12. In the description the properties of the lines are discussed, and directives are given for carrying out analyses. There are 1 figure and 3 Soviet references.

ASSOCIATION: Institut yadernoy fiziki Akademii nauk KazSSR (Institute of Nuclear Physics of the Academy of Sciences of the Kazakhskaya SSR)

Card 2/2

ZAMYATINA, I. K.

"Stabilization of Quiescent Point in Transistorized Amplifiers," pp 39-57, ill, 4 ref

Abst: The article discusses a method for stabilizing the quiescent point, significantly increasing the stability of the parameters of amplifier circuits. The causes of instability of quiescent points are analyzed.

SOURCE: Primenenive Poluprovodnikov v Tekhnike Provodnov Svyazi. Inform.

Sbornik (The Use of Semiconductors in Wire Communications Engineering.

Collection of Information), Moscow, Svyaz'izdat, 1957

Sum 1854

ZAMYATINA, I.M., inzh. (Moskva); MOISEYEV, G.I., inzh.

Methodology for determining the economic efficiency of hydroelectric power stations. Elektrichestvo no.4:87-90 Ap '62.

(MIRA 15:5)

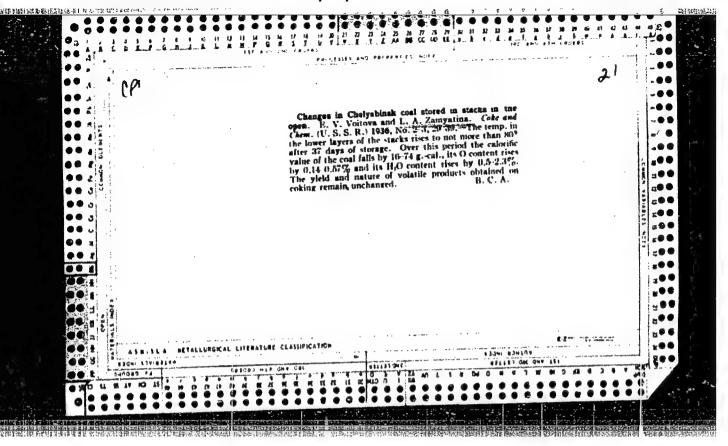
(Hydroelectric power stations)

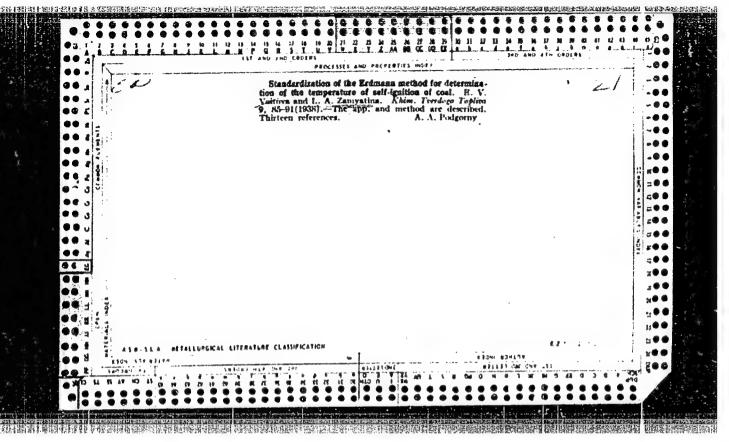
Sculptor-aviator. Te	kh. mol. no.5:4-5 My 162. (Helicopters)	(MIRA 15:6)
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MELENT YEV, L.A.; STYRIKOVICH, M.A.; SHTEYNGAUZ, Ye.O.; ZAMYATINA, I.M., red.; LARIONOV, G.Ye., tekhn. red.

[Fuel and power resources balance of the U.S.S.R.; basic problems in economics and planning]Toplivno-energeticheskii balans SSSR; osnovnye voprosy ekonomiki i planirovaniia. Moskva, Gosenergoizdat, 1962. 207 p. (MIRA 15'9) (Power resources) (Fuel)

198		 Describes characteristics of various reserves. Concludes that thermal reserve should not be small than that part of the working capacity of all mits which represents emergency underproduction of the entire system.	USSR/Enectricity (Contd)	Determination of fixed capacity for a hydetation is one of most important problems design. It is important to separate varifunctions of a reserve by distributing it	"Elektrichestvo" No 3	"Role of the Control Hydrostation in Mai a Reserve for Thermal Power Systems," V Entsenov, Cend Tech Sci, I. M. Zamyatina MONITOE, 3 pp	Power Plants, Thermal	ricity	
38/49T22	,	 reserves. inot be small city of all myroduction	Mar 119	hydroelectrolems of verious us to between 38/49722	, t	Maintaining V.A. ina, Engr,	, ™rgr ut	Mar 49	





1. 你是是是我的证明,我也不知识的是是我们的时候,我就会的我们是我们的现在分词,我们就是这些人的,我们就是这些人的对外的。

NOVIKOV, Vasiliy Fedorovich; Z'MYATINA, L.V., red. [Work of the soviets and committees with the labor force and activist groups] Rabota sovetov i komitetov prof-

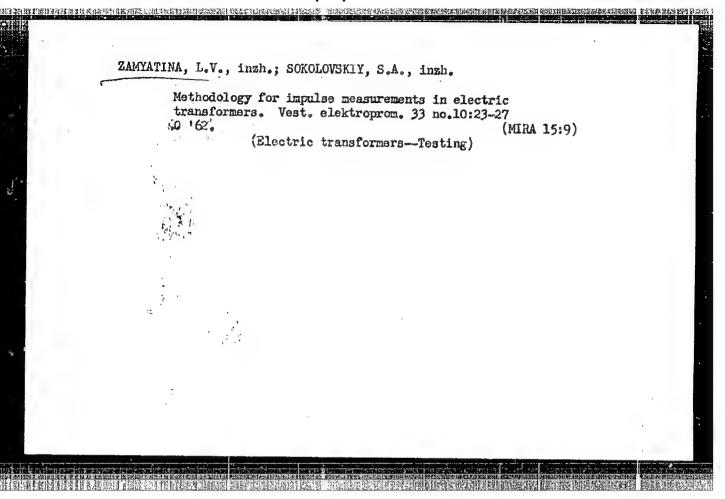
soiuzov s kadrami i aktivom. Moskva, Profizdat, 1964. 77 p. (Bibliotechka profsoiuznogo aktivista, no.16(88))

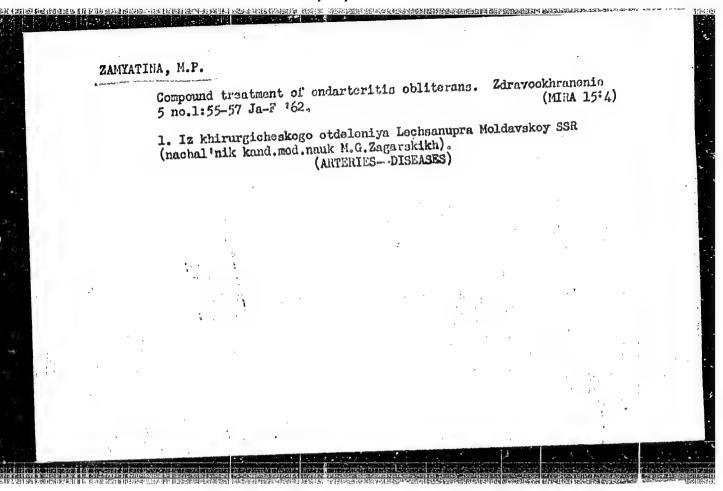
(MIRA 17:8)

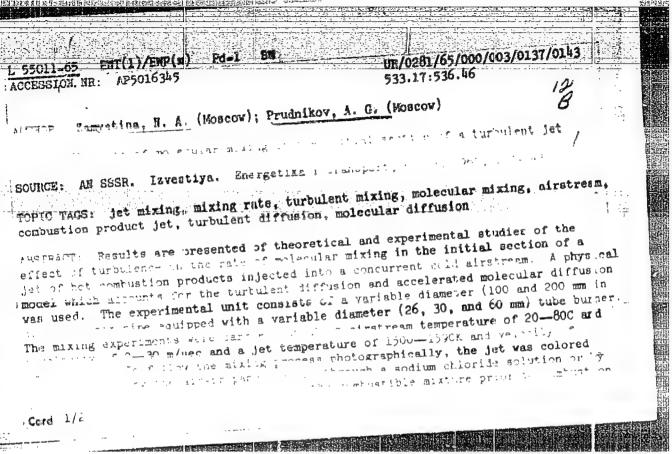
D'YACHENKO, Vitaliy Vasil'yevich; ZANYATINA, L.V., red.; KOROBOVA, N.D., tekhn. red.

[What the trade-union activist group should know about an enterprise's economics] Chto dolzhen znat' profisoiuznyi aktiv ob ekonomike predpriiatiia. Moskva, Profizidat, 1964.
93 p. (Bibliotechka profisoiuznogo aktivista, no.5(77))

(MIRA 17:3)







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		al treatment of the results showed that
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ZAMYATINA, N.A. (Moskva); PRUDNIKOV, A.G. (Moskva)

Speed of molecular mixing in the start sector of a turbulent jet. Izv. AN SSSR.Energ. i transp. no.3:137-143 My-Je '65. (MIRA 18:12) 1. Submitted February 9. 1965.

L 40324-66 SUT(1)/ETP(m)

ACC NR: AP6017828 (N)

SOURCE CODE: UR/0147/66/000/002/0059/0067

AUTHORS: Zamyatina, N. A.; Prudnikov, A. G.; Sagalovich, V. N.

ORG: none

TITLE: Diffusion parameters of a turbulent jet

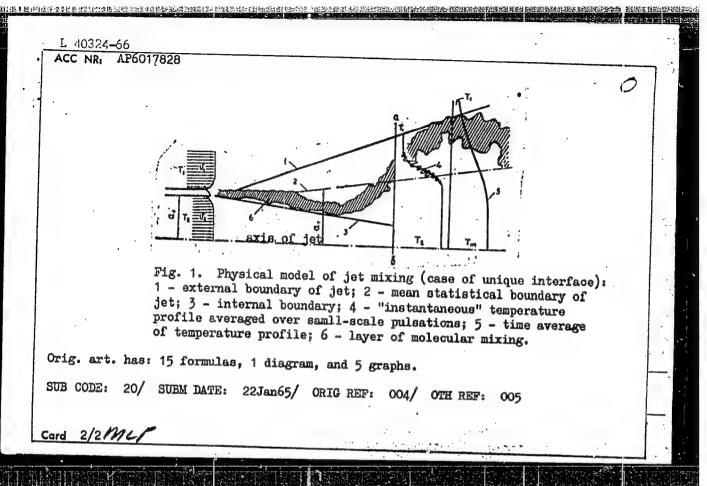
SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 2, 1966, 59-67

TOFIC TAGS: turbulent jet, gas diffusion, parameter, turbulent mixing, gas density, wake, wake flow

ABSTRACT: A jet which escapes from a circular opening of radius a_0 into a wake of velocity V_1 is examined. The density of the gas of the wake is ρ_{01} and its temperature T_{01} ; the corresponding parameters of the jet are V_2 , ρ_{02} , and T_{02} . A model of the jet-wake (black-white) mixing is used (see Fig. 1). The probabilities of the appearance of black and white gas are calculated; these probabilities can be interpreted as the average fractions occupied by volumes of black and white gases in a space about a certain point. A model of grey mixing is also examined. If the diffusion parameters are known, then the temperature profiles can be found by examining the process of grey mixing with a given dispersion. It is found difficult to say optimal.

Card 1/2

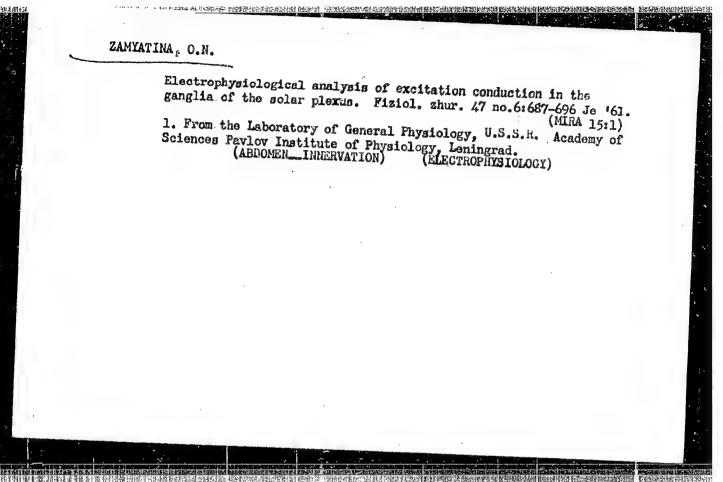
UDC: 532. 517. 4



SOURCE CODE: UR/0147/66/000/003/0104/0110 ACC NR: AP6030258 AUTHOR: Prudnikov, A. G.; Zamyatina, N. A. 71 B ORG: none TITLE: The rate of molecular mixing in the main section of a turbulent 1et SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 3, 1966, 104-110 TOPIC TAGS: combustion, diffusional combustion, propulsion, afterburner, air breathing angine, TURBULENT JET, TURBULENT MIXIAIG. FLOW VELOCITY, HOMOGENEOUS FLUID The molecular homogeneity of a combustible mixture controls the reaction rate in diffusional combustion pand it is, therefore, white most important parameter in this process. In the present study, experiments were made to study the mixing of two concentrical jets and the molecular homogeneity in the mixing zone. A cold air stream containing NaNO3 vapors was discharged into a concurrent stream of hot combustion products generated by the combustion of a gasoline-air mixture. The hot flow had a temperature of 1650-1800K and a velocity in the 65-90 m/sec range. The cold air stream was injected through uninsulated tubes of 10, 4, and 2 mm dismeter located concentrically in The cold gas stream at the outlet from the tube had the hot flow. UDC: 532.517.4. Card 1/2

"一个工作中心不是的名字写真是是,在不知识是是是,是是为是是自己的自然的思想的,我们就是他们的,我们就是这种的人,但是是这一个人,

ACC NR. AP6030258 temperatures of 1100-1400K and velocities of 50-240 m/sec. intensity of the hot sodium atoms was determined from photographs and correlated with flow parameters to obtain values for the dispersion and the homogeneity of the gas. The dispersion was found to depend not on the jet diameter but only on the velocity ratio. It had a minimum when both jets had equal velocities. It is concluded that the width of the turbulent-molecular mixing zone monotonically changes from a linear law at a velocity ratio of 0.3 to a parabolic law at a velocity ratio of 1. Mixing to molecular homogeneity takes 2-4 times longer than turbulent mixing. Orig. art. has: 16 formulas. SUB CODE: SUBM DATE: 24Feb65/ ORIG REF: OTH REF: ATD PRESS: 002 5076 LS Card 2/2



ADAMOVICH, N.A.; DELOV, V.Ye.; ZAMYATINA, O.N.

Effect of afferent impulses from the receptors of internal organs on the bicelectric activity of the thalamic area of the brain. Nauch. soob. Inst. fiziol. AN SSSR no.1:147-149 '59. (MIRA 14:10)

l. Laboratoriya elektrofiziologii (zav. - V.Ye.Delov) Instituta fiziologii imeni Pavlova AN SSSR. (OPTIC THALAMUS) (CONDITIONED RESPONSE)

ZAMYATINA, O.N.

Transmission of excitations along interoceptive reflex pathways of the lumbar and sacral segments of the spinal cord. Fiziol.zhur. 50 no.1:81-86 Ja *64. (MIRA 18:1)

1. Iaboratoriya neyrofiziologii Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad.

ZAMYATINA, O.N.

Effect of afferent impulses from the gastrointestinal apparatus on bicelectric activity of the cerebral cortex. Trudy Inst. fiziol. 7: 430-439 *58. (MIRA 12:3)

l. Laboratoriya elektrofiziologii (zav. - V.Ye. Delov). Instituta fiziologii im. I.P. Pavlova AN SSSE.

(ALIMENTARY CANAL--INNERVATION)

(ELECTROENCEPHALOGRAPHY)

ZAMYATINA, O.H.

Interoceptive influences from the gastrointestinal apparatus on cortical electric reactions during exteroceptive stimulations. Trudy Inst. fiziol. 7:440-447 '58. (MIRA 12:3)

1. Iaboratoriya elektrofiziologii (zav. - V.Ye. Delov). Instituta fiziologii im. I.P. Pavlova AN SSSR.

(ALIMENTARY CANAL--INNERVATION)

(ELECTROENCEPHALOGRAPHY)

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DELOV, V.Ye.; ZAMYATINA, O.N; KISELEV, P.A.

Electrophysiological characteristics of the afferent function of the vagus nerve of the stomach. Trudy Inst. fiziol. 9:73-81 '60. (MIRA 14:3)

1. Laboratoriya elektrofiziologii (zaveduyushchiy V.Ye.Delov) Instituta fiziologii im.I.P.Pavlova. (VAGUS NERVE) (ELECTROPHYSIOLOGY)

(STOMACH)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001963720018-4"

DELOV, V.Ye.; ADAMOVICH, N.A.; ZAMYATINA, Q.N.

Effect of afferent impulses from visceral receptors on bioelectric activity of thalamic nuclei. Fisicl.shur. 45 no.8;
916-923 Ag '59. (MIRA 12:11)

1. From the Laboratory of Electrophysiology, I.P.Pavlov
Institute of Physiology, Leningrad.
(AASTROINTESTINAL SYSTEM, innervation)
(ELADDER, innervation)
(THALAMUS, physiology)
(ELECTROPHYSIOLOGY)

USSR/Human and Aminal Physiology (Normal and Pathological) Dicestion. Intestines.

的时间,阿里特别的一种,这一个人的一个人,这一个人的一个人,我们就是一个人的一个人,这一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人,这一个人的

Abs Jaur : Ref Zhur Biol., No 6, 1959, 26709

Author Zamyatina, O.N. Inst

Title : Electro-Physiological Investigation of Afferent Impulsa-

tion in the Nerves of Intestines.

Orig Pub : Fiziol. zh. SSSR, 1957, 43, No 5, 441-448

In cats, peripheral terminals of transsected nerve bran-Abstract ches of mesenteric plexus and thin nerve ramuli which

approached the wall of various parts of intestines (I), pancreas and group accumulations of Vater-Pacinian corpucles in mesentery were placed on electrodes and the currents of action were registered with cathode oscillograph. Without application of stimuli, fast electric

oscillations were registered in nerve ranuli which exited from pancreas or group accumulations of Vater-Pacinian

Card 1/3